रजिस्ट्री सं० डी--(डीएन)--73

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प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 27] नई दिल्ली, शनिवार, जुलाई 6, 1985 (आषाढ़ 15, 1907)

No. 27] NEW DELHI, SATURDAY, JULY 6, 1985 (ASADHA 15, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 6th July 1985

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West),
Bombay-400013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

Patent Office, (Head Office),
214, Acharya Jagadish Bose Road,
Calcutta-700 017.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

SPECIAL NOTICE

Additional address for the Patent Office Calcutta from where main functions are being carried out is given below :—

"The Patent Office,
2nd M S. Office Building,
(5th, 6th & 7th floor),
Nizam Palace,
234|4, Acharya Jagadish Bose Road,
Calcutta-700 020."

SPECIAL NOTICE

The New Designs (Amendment) Rules, 1984 have come into force with effect from 6th June, 1985 Therefore fees should be paid accordingly to New Designs Rules, 1984.

THE DESIGNS (AMENDMENT) RULES, 1984

1. Short Title—These rules may be called the Designs (Amendment) Rules 1984,

2 For First Schedule to the said rules the following Schedule shall be Substituted namely :—

THE FIRST SCHEDULE
(Vide Section 57)
FEES

No.of entry	On what payable	No. of Form	proper fee Rs.	P.
1	2	3	4	
1.	On notice of intended exhibition or pulbication of an unregistered design under Sec. 52	14	25	00
2.	On request to register design under Section 43 or 78 A.	15,16	30	00
3.	On request to register design under Section 43 to be applied to a set in a Class	17	30	00
4.	On request for written decision under Rule 41	18	25	00
*5.	On request to extend copyright under Section 47	19	50 ·00— Second period of 5 years 75 ·00 Third period of 5 year	
	For designs already registered the fee for extension of copy-right shall be for Second period of 5 years.		10	00
	for Third period of 5 years		10	00
6.	On request to inspect under Section 50	—	5	00
7.	On request of information under Section 51 when registration number supplied	20	10	00
8.	On request for information under Section 51 when registration number is not supplied	21	50	00
9.	On request for inspection of the register under Section 59	—	5	00
10.	On request for certificate under Section 59. An additional fee of 25 p. of every 100 words or part thereof will be charged for preparing copies. Copies of representation will be charged according to the nature of the copies (Xerox or photocopy)	29	25	00
11.	For supply of photocopies of documents	—		
	For direct negative Rs. 4/- per page of Full size 13"X8" or 33 ·0 cm X20 ·3 cm.	—	4	00
	For positive copy Rs. 7/- per page of full size 13"X8" or 33 ·0 cm X20 ·3 cm.	—	7	00
12.	For supply of Xerox copies of documents per page	—	1	00
13.	For certifying office copies, MSS or printed each	—	5	00
14.	On request to correct under Section 62	28	15	00
15.	On appilcation the Controller for cancellation of registration of design under Section 51A	22	50	00
16.	On notice of intention to attend hearing under Rule 48	7	50	00
17.	On application under Section 63 for entry of name of subsequent proprietor in the Register of Designs, if made within six months from date of acquisition of proprietorship—	25		
	in respect of one design		25	00
	for each additional design		15	00
18.	On application under Section 63 for entry of name of subsequent proprietor in the Register of Designs if made after expiration of six.	25		
	months from the date of acquisition of proprietorship in respect of one design		50	00
	for each additional design		10	00
19.	On application under Section 63 for entry of notice of a mortgage or licence in the Register of Designs, if made within six months from the date of acquisition of interest—	26		
	in respect of one design		25	00
	for each additional design		10	00
20.	On application under Section 63 for entry of notice of a mortgage or licence in the Register of Designs, if made after expiration of six months from date of acqusistion of interest—	26	50	00
	in respect of one design			
	for each additional design		10	00
21.	On application under Section 63 for entry of notification of a document in the the Register of Designs. if made within six months from date of document the registration of the design			
	each additional design	27	25	00
	in respect of one design		25	00
	for each additional design		10	00

*Note—This fee may be paid in advance.

1	2	3	4
22.	On appication under Section 63 for entry of noticfication of a document in the Register of Designs, if made after expiration of six months from date of document the registration of the the design 27 in respect of the design for each additional design		50·00 10·00
23.	On request to alter name, addresses or addres for service in Register under Rule 53	23	5·00
24.	For entry of two addresses for service in Register under Section 46	24	10·00
25.	On application for rectification of Register under Section 64	30	50·00
26.	On notice of opposition to the rectification of the Register underRule 61	6	50·00
27.	On notice of intention to attend hearing under Rule 61, by applicant and opponent respectively	7	50·00
28.	On a petition (not otherwise charged) for review of Controller's order or for obtaining Controller's orders on an interlocutory matter in a contested proceeding	—	25·00
29.	On Appeal from the Controller to the Central Government under Section 43 or 69	5	50·00

3. In the Second Schedule to the said rules,—

(a) in Form,5, for the heading "Fee Rs. 30/.", the words "Fee Rs. 50/-" shall be substituted;

(b) in form 6, for the heading "Fee Rs. 5/-", the words "Fee Rs. 50/-" shall be substituted;

(c) in Form 7, for the heading "Fee Rs 10/-" the word s "Fee Rs. 50/-" shall be substituted;

(d) in Form 14, for the heading "Fee Rs. 5/-" the words "Fee Rs. 25/-" shall be substituted;

(e) in Form 15, for the heading "Fee Rs. 3/-, the words "Fee Rs. 30/-, " shall be substituted;

(f) in Form 16, for the heading "Fee Rs. 3/-" , the words "Fee Rs. 30/-" shall be substituted;

(g) in Form 17, for the heading "Fee Rs. 3/-" the words "Fee Rs. 30/-" shall be substituted;

(h) in Form 18, for the heading "Fee Rs. 5/-" , the words "Fee Rs. 25/-", shall be substituted;

(i) in Form 19, for the heading "Fee Rs. 10/-" , the words "Fee"—
second period of 5 years Rs. 50/-
third period of 5 years Rs. 75/- shall be substituted;

The following foot note shall be inserted.
This fee may be paid in advance

For design already registered the fee for extension of copy-right shall be—
for second period of 5 years Rs. 10·00
for third period of 5 years Rs. 10·00

(j) in Form 20, for the heading "Fee Rs. 2/-", the words "Fee Rs. 10/-" shall be substituted.

(k) in Form 21, for the heading "Fee Rs. 10/-" the word "Fee Rs. 50/-" shall be substituted.

(l) in Form 22, for the heading "Fee Rs. 5/-", the words "Fee Rs. 50/-", shall be substituted.

(m) in Form 23, for the heading "Fee Rs. 1/". the words "Fee Rs. 5/-" shall be substituted.

(n) in Form 24, for the heading "Fee Rs. 2/-", the words "Fee Rs. 10/-" shall be substituted.

(o) in Form 25, at foot note at line 8 for "Rs. 5/-" the words "Rs. 25/-" shall be substituted, in line 9 for "Rs. 2/-" the wor "Rs. 10/-" shall be substituted, in line 12 for "Rs. 20/-" the words "Rs. 50/-" shall be substituted and in line 13 for "Rs 2/-" , the words "Rs. 10/-" shall be substituted.

(p) in Form 26 at foot note at line 8 for "Rs. 5/-' the words "Rs. 25/-" shall be substituted, in line 9 for "Rs. 2/-", the words "Rs 10/-" shall be substituted, in line 12 for "Rs. 20/-" the words "Rs. 50/-" shall be substituted and inl ine 13 for "Rs. 2/-" the words "Rs. 10/-" shall be substituted.

(q) in Form 27, at foot note at line 4 for "Rs. 5/-" the words, "Rs. 25/-" shall be substituted, in line 5 for "Rs. 2/-" , the word "Rs. 10/-" shall be substituted, in line 8 for "Rs. 20/-" the words "Rs. 50/-" shall be substituted and in line 9 for "Rs. 2/- the words "Rs. 10/-" shall be substituted.

(r) in Form 28, for the heading "Fee Rs. 5/-", the words "Fee Rs. 15/-" shall be substituted.

(s) in Form 29, for the heading "Fee Rs. 5/-", the words "Fee Rs. 25/-", shall be substituted.
The existing foot note shall be replaced by following—

An additional fee of 25p. for every 100 words or part thereof will be charged for preparing typed copies. Copies of representation will be charged according to the nature of copies (Xerox or photo copy).

in Form 30 for the heading "Fee Rs. 10/-" , the words "Fee Rs. 50/-" shall be substituted.

4. For the Fifth schedule to the said rules the following shall be substituted namely :—

THE FIFTH SCHEDULE

Scale of Costs Allowable in Proceeding before the Controller
(RULE 63C)

Entry No.	Matter in respect of which of cost is to be awarded	Amount Rs. P.
1.	For Notice of Opposition under Rules 48 and 61	50·00
2.	For application for cancellation of the registration of design under Section 51A	50·00
3.	For notice of intention to attend Hearing	50·00
4.	Stamps for power of Attorney, where a professional agent has been appointed	The amount actually paid
5.	Stamp fee in respect of relevant Affidavit	Do
6.	For full Statement under Rule 48/(1)	50·00
7.	For Reply Statement under Rule 48(3)	50.00
8.	For each Affidavit, if relevant	25·00
9.	For each Citation, if relevant	25·00
10.	For each unnecessary or irrelevant Affidavit or Citation	25 00
11.	For every day or part of day of Hearing before the Controller	50·00

Registration of Patent Agents

The following persons have been registered as Patent Agents :—

1. Mr. Mukesh M. Talsania, Advocate,
C o Jehangir Gulabbhai & Bilimoria &
Daruwalla, Solicitors & Advocates and
Patent & Trade Mark Agents,
Rajabahadur Mansion,
20, Ambalal Doshi Marg
(Hamam Street) Fort,
Bombay-400 023, Maharashtra.

2. Miss Bharucha Katy Behramji,
C o Jehangir Gulabbhai & Bilimoria &
Daruwalla,
Solicitors & Advocates and Patent &
Trade Mark Agents,
Rajabahadur Mansion,
20, Ambalal Doshi Marg,
(Hamam Street) Fort.
Bombay-400 023, Maharashtra.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-17

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

30th May, 1985

409|Cal|85 Fred D. Solomon. Solar Powered Pump Assembly.

410|Cal|85 MS International Plc. Conveyor frame and conveyor incorporating such frame.

411|Cal|85 The Jacobs Manufacturing Company. Process and system for compression release engine retarding.

31st May, 1985

412|Cal|85 The Babcock & Wilcox Company. Microprocessor based two speed motor control interface.

413|Cal|85 The Babcock & Wilcox Company. Position transmitter for a pneumatic-pneumatic or electropneumatic converter.

414|Cal|85 The Babcock & Wilcox Company. Improved voice coil assembly for an electropneumatic converter.

415|Cal|85 The Babcock & Wilcox Company. Pneumatic converter having variable gain relay stack.

416|Cal|85 Mcgaw-Edison Company. Recloser control with independent memory.

1st June, 1985

417|Cal|85 Indian Explosives Limited. A novel process for the production of conjugated compounds from vegetable oils.

418|Cal|85 Krauss-Maffei Aktiengesellschaft. Pneumatic discharge device for a centrifugal peeler. (3rd May, 1985, U.K.).

419|Cal|85 Source Kramer Corporation Multiple projection optics slide projection apparatus using a circular slide tray, having fixed-position slide gates.

420 Cal 85 Karl Eckhart Heinz. An equipment for carrying out the process for the decompression of a sequence of serial data elements. [Divisional date 6th May, 1982].

4th June, 1985

421|Cal|85 Norton Company Process for producing aluminum bodies.

5th June, 1985

422|Cal|85 Sulzer Brothers Limited. Apparatus for the storage of filamentary material, especially for weaving machines. (20th June 1984, U.K.).

423 Cal|85 [illegible] Tire casin structure.

424|Cal|85 White Consolidated Industries, Inc. Refrigeration compressor.

425|Cal|85 Vostochny Nauchno-Issledovatelsky Uglekhimichesky Institut (Vukhin). Process for preparing coal charge for the production of coke.

ALTERATION OF DATE

156384.

(1005|Cal|83)

Ante dated to 27th July, 1979.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form

15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2|- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4|-.

CLASS : 60-D. 156356

Int. Cl. : A 41 b 9|00.

IMPROVEMENTS IN OR RELATING TO UNDERWEAR.

Applicants & Inventors : (1) TIRUPONITHURA VENKATARAMAN ANANTHANARAYANAN, 199, KOTTIVAKKAM, MUTHUKKADU ROAD, MADRAS-600 041, TAMIL NADU & (2) GAUTAM GOPALARATNAM, 2, IST MAIN STREET, SHEETHAMMA EXTENSION, MADRAS-600 018, TAMIL NADU.

Application No. 206|Mas|82 filed October 29, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

An underwear comprising a fabric piece having an upper wide section and an integrally formed lower narrow section, the free end of said upper wide section is provided with a pair of side-flaps on its either sides, said side flaps being adapted to be secured to a second pair of side flaps provided on either sides of the free end of said lower narrow section.

(Com.—6 pages; Drwg.—1 sheet).

CLASS : 205 (A+G). 156357

Int. Cl. : B 60 c (5|00+5|02).

AN IMPROVED VEHICLE WHEEL.

Applicant & Inventor : GANGONAHALLI SEETHARAMAIAH NAGARAJU, C|O G. SEETHARAMAIAH, II CROSS, S.S. PURA, TUMKUR-572 102, KARNATAKA.

Application No. 39|Mas|83 filed February 21, 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

An improved vehicle wheel comprising a pneumatic rubber tube held in position between a tyre and a wheel rim, and a shielding element disposed between the tube and the tyre and adapted to shield the entire exposed surface, as herein defined, of the tube in the inflated state.

(Com.—6 pages; Drwgs.—1 sheet).

CLASS : 32E & 55E4. 156358

Int. Cl. : C07-103|52 A61k 27|00.

"A METHOD OF PRODUCING A POLYPEPTIDE DISPLAYING THE SPECIFICITY OF FMD VIRAL ANTIGENS".

Applicant : BIOGEN N.V., OF 15 PIETERMAAI, WILLEMSTAD, CURACAO, NETHERLANDS ANTILLES, MANUFACTURERS A COMPANY ORGANISED UNDER THE LAWS OF NETHERLANDS ANTILLES.

Inventors : PETER HANS HOFSHNEIDER, VLADIMIR G ZASLAVSKY, HEINZ SCHALLER, WALTER KELLER & HANS KUPPER.

Application for patent No. 292|Del|81 filed on 11th May, 1981.

Convention date 15th August, 1980|8026661 & 12th May, 80|80 15635|(U.K.).

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

19 Claims

A method of producing a polypeptide displaying the specificity of FMD viral antigens characterized by the steps of culturing a host transformed by a recombinant DNA molecule characterized by a DNA sequence at least a portion of which codes for a polypeptide displaying FMDV antigenicity, said recombinant DNA molecules being produced by introducing into a cloning vehicle a DNA sequence selected from the group consisting of

(a) FMDV-715, FMDV-144, FMDV-1034, FMDV-1824, FMDV-1933,

(b) DNA sequences encoding polypeptides displaying FMDV antigencity and which hydridize to any of the foregoing DNA sequence, and

(c) DNA sequences which on expression code for a polypeptide coded for on expression by any of the foregoing DNA sequences and operatively linking said DNA sequence in said cloning vehicle to an expression control sequence so as to control and to regulate the expression of said DNA sequence.

(Complete specification 71 pages Drawing 6 sheets).

CLASS : 170B. 156359

Int. Cl. : C11d-1|00, 3|00.

A METHOD OF WASHING FABRICS IN WATER CONTAINING FREE CALCIUM IONS AND DETERGENT COMPOSITION SUITABLE THEREFOR.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165|166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) REGIWALD VEAR SCOWEN, (2) JOHN BARRY TUNE, (3) JAMES FRANCIS DAVIES, (4) THOMAS DANIEL DAVIES AND (5) ROBERT STANLEY LEE.

Application No. 152|Bom|1982 Filed June 15, 1982.

U.K. Convention priority date 18th June, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

9 Claims

A method of washing fabrics in water containing free calcium ions, comprising contacting the fabrics with a wash liquor to which has been added at least a synthetic detergent active material, an alkali metal carbonate as a primary detergency builder material and bringing into effective contact with the wash liquor a secondary detergency builder selected from precipitating builder materials other than alkali metal carbonates, sequestering builder materials and ion exchange builder materials characterized in that the secondary deter-

gency builder material is a coated builder material and is brought into effective contact with the wash liquor at or after the wash liquor has reached the critical state as hereinbefore defined, and is added in such an amount as to reduce the free calcium ion concentration in the wash liquor to 10 or less within at most 60 minutes from the addition of the alkali metal carbonate to the hard water the amount of the secondary builder being such that would not, in the absence of said carbonate, reduce the free calcium ion concentration to less than 10 ° molar, the occurrence of the critical state being optionally promoted by the addition of a water soluble metal salt such as calcium to the wash liquor

(Complete Specn 35 pages Drg 1 sheet)

IND CLASS 45 B1+L 156360

Int Cl E 0 3 d 5|00

WATER SAVING TOILET SYSTEM

Applicant INTERNATIONAL WATER SAVING SYSTEM INC A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE U S A HAVING OFFICE AT 711, FIFTH AVENUE 12TH FLOOR, NEW YORK-10022 U S A

Inventor WALTER OTIS HEINZE, (2) WESLEY ROBERT TUFTS

Application No 155 Bom|1982 Filed on June 21, 1982

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013

9 Claims

A Water saving toilet system comprising a bowl with a discharge port at the bottom of the bowl means for supplying flush water to the top of the bowl a discharge pump having an intake side connected with the discharge port via trap pipe (Z) designed to maintain a predetermined level of water in the bowl and a discharge side adapted to be connected to a waste pipe and control means (C) for controlling operation of the discharge pump and the means for supplying flush water (S) and affecting hydraulic attrition, characterized in that an attrition tank comprising means M, for effecting hydraulic attrition is provided between the discharge port and the discharge pump, whereby the discharge pump withdraws a predetermined volume from the attrition tank into the waste pipe and simultaneously evacuates a corresponding volume of effluent from the bowl into the attrition tank

(Complete specification—27 pages, Drawings—14 sheets)

IND CLASS 40B+77D 156361

Int Cl C 11 b 3|00 3|10

AN IMPROVED PROCESS FOR PREPARING ABSORBENT REFRACTORY OXIDES FOR USE IN REFINING FATTY MATERIALS

Applicant HINDUSTAN LEVER LIMITED A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE 165|166, BACKBAY RECLAMATION BOMBAY 400 020 MAHARASHTRA INDIA

Inventor VIJAY MUKUND NAIK

Application No 163|Bom|82, filed on June 26 1982

Complete after provisional left on 2nd September, 1983

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Bombay Branch

4 Claims

An improved process for preparing adsorbent refractory oxides for use in refining fatty materials which comprises precipitating the refractory oxides from aqueous solutions of appropriate salt preferably salts of silicon, aluminium and| or magnesium in a known manner to obtain a hydrogel and thereafter subjecting the precipitated hydrogel to a step of drying characterized in that the drying of the precipitated hydrogel is carried out in two stages wherein a first stage of partial drying of the hydrogel is carried out in an agitated state by using a stream of warm air to a moisture content of 42 to 80% by weight and wherein a second stage drying of partially dried hydrogel is carried out without agitation to obtain a dried material having moisture of not more than 10% by weight i e the second stage drying is a static drying stage, in which second stage further and substantial drying of the partially dried hydrogel is achieved and wherein after the first stage of partial drying, the partially dried hydrogel is compacted in a manner known per se into aggregates before being dried in the second stage

Provisional specification—6 pages Drawings—Nil

Complete specification—9 pages Drawings—Nil

CLASS 77D+40B 156362

Int Cl B 0 1 d—15|06, C 11 b 3|10

PROCESS FOR REGENERATING CONVENTIONAL SPENT ADSORBENT USED FOR REFINING FATTY MATERIAL

Applicants HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE 165 166, BACKBAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA

Inventors 1 KRISHNAMOORTHI CHANDRASEKARAN, 2 NAGANATHAN VISWANATH BRINGI & 3 SHRINATH SHESHGIRI KALBAG

Application No 164|Bom|1982, filed June 26, 1982

Complete after provisional left September 2, 1983

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch

11 Claims

A process for regenerating for regenerating conventional spent adsorbent used for refining fatty material comprising contacting the said spent adsorbent first with a polar organic solvent having upto 6 carbon atom of with a mixture of a polar organic solvent having from 2 to 6 carbon atoms and a non polar organic solvent having from 3 to 10 carbon atoms to remove adsorbed impurities followed by contacting the treated adsorbent so obtained with superheated vapour of a non polar organic displacing agent having from 3 to 10 carbon atoms in order to remove the polar solvent adsorbed by the said adsorbent

Complete specification—8 pages, Drawings—Nil

Provisional specification—6 pages, Drawings—Nil

CLASS 170D+32F3a 156363

Int Cl C 0 7 C—143|00 C 11 d—1|28.

MANUFACTURE OF ACYL ISETHIONATES

Applicants HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165|166, BACKBAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA

Inventors 1 LAURENCE KHIYEN BOEM AND 2 VINCENT LAMBERTI

Application No 212|Bom|1982 filed August 11, 1982

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch

6 Claims

A method of producing acyl isethionates of formula RCOOR SO M wherein R is a monovalent aliphatic hydrocarbon radical having from 7 to 19 carbon atoms R' is a divalent aliphatic hydrocarbon radical containing 2 to 4 car-

bon atoms and M is an alkali metal or ammonium cation which comprises reacting an isethionate salt of formula $HOR'SO_3M$ wherein R' and M have the same meaning as herein above defined with a fatty acid of formula RCOOH, where R is as defined before characterised in that the reaction is performed at a temperature in the range from 200°C to 255°C in the presence of a catalytic amount of a catalyst selected from

(i) the zinc salts of methane sulphonic acid, p-toluene sulphonic acid, linear C_{10} to C alkyl benzene sulphonic acids, C_{14} to C_{16} alpha olefin sulphonic acids, C_{10} to C_{14} alkane-1-sulphonic acids, C_{13} to C_{17} random paraffin sulphonic acids and mixtures thereof, with or without zinc oxide.

(ii) a mixture of zinc oxide and an organic sulphonic acid in a molar ratio of 1 to 2 or less.

Complete specification—12 pages; Drawings—Nil.

CLASS : 172C4. 156364

Int. Cl. : D01h 5|00.

A CLEARER DEVICE FOR LOWER OR BOTTOM DRAFTING ROLLERS OF A SPINNING MACHINE.

Applicant & Inventor : YOSHIO MURAO, HA-173 NUKAOTOMARU-CHO, KANAZAWA-SHI, JAPAN.

Application No. 234|Bom|1982 filed September 10, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

2 Claims

A clearer device for lower or botton drafting rollers of a spinning machine, comprising side frames pivotally supported at the rear sides thereof by an intermittently rotating shaft provided at the rear of a back roller side, an apron driving roller provided between said side frames for imparting rotation in one direction to said intermittently rotating shaft through a one way clutch, an apron guide roller monted at the forward side of said side frames, with the apron passed around said rollers, guide plates for pushing up said apron in the direction of said drafting rollers, said guide plates being provided at the inner side of the apron and adapted to be fixed at any desired position between the side frames, and a clearer waste separation device provided at the lower run of said apron and arranged to traverse along the moving direction of the apron by touching said apron, said clearer waste separation device including a comb adapted to traverse along slots formed in said side frames and also adapted to be adjusted in an inclined position, relative to the working surface of the apron, and a scraper member adapted to contact the inner surface of the apron at a pre-determined angle relative to the said apron and inclined with respect to the comb.

Comp. Sepcn. 12 pages. Drgs. 3 sheets.

CLASS : 170D. 156365

Int. Cl. : C 11 d 1|00, 1|04, 3|10.

A METHOD FOR WASHING FABRICS IN WATER CONTAINING CALCIUM HARDNESS AND A DETERGENT COMPOSITION THEREFORE.

Applicants : HINDUSTAN LEVER LIMITED HINDUSTAN LEVER HOUSE, 165|166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : 1. MICHAEL WILLIAM HOLLINGSWORTH 2. IAN DONALD ROBB & 3. JOHANNES JACOBUS MARIA DE RIDDER.

Application No. 273|Bom|1982, filed October 16, 1982.

U.K. Conventional priority date 22nd October 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

10 Claims

A method of washing fabrics in water containing calcium hardness, which method comprises adding to said water, to form a wash liquor, a detergent composition at dosage level of not more than 5g|l which contains at least;

(i) 5 to 40% by weight of any known synthetic detergent active material;

(ii) 10 to 70% by weight of any known water soluble carbonate builder material; and

(iii) from 0.05 to 5% by weight of a polymeric material having an average molecular weight of between 500 and 3,000 and having in its molecular structure the group of formula I in which R^1 is hydrogen, or or a hydroxyl group;

R^2 is an alkyl or alkoxy group having from 1 to 4 carbon atoms, a carboxylic acid group or an acetoxy group, the wash liquor having a saturation ratio of the calcium and carbonate present of no more than 50 and a pH or between 9.5 and 11.0 contacting fabrics with said wash liquor and thereafter substantially separating said fabrics from said wash liquor.

Complete specification 22 pages; Drawing—1 sheet.

IND. CLASS : 129P. 156366

Int. Cl. : B 23 b—23|04.

IMPROVED REVOLVING CENTRE FOR LATHE MACHINE TAILSTOCK.

Applicant & Inventor : PRALHAD KRISHNA SURYAWANSHI, 2431 EAST STREET, PUNE CAMP. 411 001, MAHARASHTRA STATE, INDIA.

Application No. 182|Bom|1982 filed on July 17, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

1 Claim

Improved revolving centre for lathe machine tailstoc comprising a shank, a housing for holding bearings and a centre, characterised in that the said shank is hollow and provided with internal threading, the said housing having two holes adjacent to the shank on the rear wall of the housing, there are provided two spacers in the housing one touching the inner surface of the said rear wall and the another placed between a roller bearing and ball bearing provided in the said housing, arrangement being such that for removing the centre, there is inserted a rod, having threads, through the hollow shank till it touches the shank of the centre, the said threads are corresponding to the internal threading of the shank and the said rod is turned with the help of a small lever rod passing across the hole near the upper end of the said rod, the said rod in turn will slowly but positively push the centre and just with few turns of the rod, the centre piece gets dislodged and is removed easily.

Complete specification—6 pages; Drawings : 2 sheets.

CLASS : 104G, 32E. 156367

Int. Cl. C08c 1|00, 3|00.

"PROCESS FOR THE RECOVERY OF RESINS AND RUBBER FROM GUAYULE AND GUAYULE-LIKE SHRUBS".

Applicant : THE FIRESTON TIRE & RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 1200 FIRESTONE PARKWAY, AKRON, STATE OF OHIO-44317 UNITED STATES OF AMERICA, MANUFACTURERS.

Inventors : EDWARD LEON KAY AND RICHARD GUTIERREZ.

Application for patent No. 319|Del|81 filed on 20th May, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

18 Claims

A process for the recovery of resins and rubber from guayule and guayule-like fibrous shrubs which comprises the steps of grinding the guayule shrub and subjecting the ground shrub to the action of a solvent of the kind such as herein described adapted to dissolve both the resin and rubber content of said shrub and thereafter extracting said resin and said rubber from said solvent by any conventional means.

(Complete Specification 46 pages Drawing one sheet).

CLASS : 107-H. 156368

Int. Cl. : F 02 m 59|00.

A FUEL INJECTION PUMP.

Applicant : LUCAS INDUSTRIES PLC. OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventor : 1. DONALD WORBY.

Application No. 797|Cal|82 filed July 9, 1982.

Convention dated 21st July 1981 (8122419) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A fuel injection pump comprising a pump body, a cylindrical flanged pump barrel mounted within a bore in the body and a plunger reciprocably mounted within a further bore defined in the barrel, the pump barrel being retained against a step defined in the body by means of a part carried by the body which engages in sealing relationship, said bore having a non-circular form with at least three substantially flat sides for engagement with the peripheral surface of the barrel, a longitudinal tongue in the bore and a groove on said barrel for engagement with said tongue to prevent angular movement of the barrel within the bore.

(Compl. Specn. 7 pages. Drgs. 1 sheet).

CLASS : 206-E. 156369

Int. Cl. : H 04 b 1|00.

A COMMUNICATIONS NETWORK.

Applicant & Inventor : ELLIOT GRUENBERG OF BROADCOM CO., 6040 BOULEVARD EAST, WEST NEW YORK, NEW JERSEY 07093, UNITED STATES OF AMERICA.

Application No. 532|Cal|82 filed May 12, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A communications net work having at least one retrodirective node station (36) and at least a pair of subscriber stations (32, 34) for establishing a communications link between said subscriber stations to permit said subscriber stations to interchange information, said communication system comprising apparatus (32, 34, 36) for establishing first and second interdependent retrodirective oscillating loops (42, 44) between respectively one of said subscriber stations and said retrodirective node and said other subscriber station and said retrodirective node by controlling the energy characteristics of the link between the first subscriber station and the retrodirective node for combination with the energy characteristics of the link between the second subscriber station and the retrodirective node to bring about the substantially simultaneous establishment of said first and second retrodirective oscillating loops, and apparatus (110 112) in said retrodirective node for receiving information directed to said subscriber stations whereby said subscriber stations can interchange information.

(Compl. Specn. 57 pages. Drgs. 7 sheets).

CLASS 55-E_3 & 60-X_2 b. 156370

Int. Cl. : A 61 k 17|08.

METHOD FOR THE PREPARATION OF A MEDICINAL COMPOSION FOR THE TREATMENT OF VITILLIGO.

Applicant : EMPRESA CUBANA IMPORTADORA Y EXPORTADORA DE PRODUCTOS MEDICOS (MEDICUBA), NO. 1, MAXIMO GOMEZ ST. CITY OF HAVANA, CUBA.

Inventors : 1. DR. CARLOS MANUEL MIYARES CAO, 2. DR. MANUEL TABOAS GONZALEZ.

Application No. 1013|Cal|82 filed September 1, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A method for the preparation of a medicinal composition for the treatment of vitiligo comprising the human placental cotyledons using organic solvents ethyl alcohol, benzoic acid and acetone, then filtering through Sephadex gel and isolating the fraction corresponding to the second proteic peak, to obtain a composition containing a lipoprotein (identified as an Alpha lipoprotein by virtue of its electrophoretic migration), the said composition being then lyophilized and dissolved in ethyl alcohol.

(Compl. Specn. 8 pages. Drgs. Nil).

CLASS : 55-E & 90-H. 156371

Int. Cl. : A 23 h 1|175; C 03 c 13|00.

A PROCESS FOR PREPARING A WATER SOLUBLE GLASS ARTICLE BASED ON PHOSPHORUS PENTOXIDE|ALKALI METAL OXIDE.

Applicant : UNIVERSITY OF LEEDS INDUSTRIAL SERVICES LIMITED OF 181 WOODHOUSE LANE, LEEDS, WEST YORKSHIRE, LS2 3AR, ENGLAND.

Inventors : 1. STEWARD BRYSON TELFER, 2. GEORGE ZERVAS, 3. PETER KNOTT.

Application No. 220|Cal|83 filed February 23, 1983.

Convention dated 23rd February 1982 (8205233) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for preparing a water soluble glass article based on phosphorus pentoxide|alkali metal oxide and containing:—

(a) P_2O_5

(b) R_2O where R is chosen from Na, K and Li

(c) at least one other glass modifying or forming material

(d) at least one element selected from Cu, Se, Co, Zn, I, Mn and Mg combined in the glass;

which process comprises mixing as batch ingredients :—

(i) sodium metaphosphate $(NaPO_3)_n$ or sodium hexametaphosphate $(NaPO_3)_6$

(ii) at least one other glass forming or modifying material

(iii) at least one material incorporating an element selected from Cu, Se, Co, Zn, I, Mn and Mg;

loading the batch into a crucible; heating the batch to a glass forming temperature of approximately 1000°C to 1100°C; forming the glass composition so obtained into an article of the desired configuration and cooling the formed glass to obtain the desired article.

Compl. Specn. 39 pages. Drgs. Nil.

CLASS : 70A. 156372

Int. Cl. : HO1m 35|32, BO1k 3|00.

"ELECTROLYTIC CELL OF THE FILTER PRESS TYPE".

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC FORMERLY KNOWN AS IMPERIAL CHEMICAL INDUSTRIES LIMITED OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW-1P 3JF, ENGLAND, A BRITISH COMPANY.

Inventors : THOMAS WASLEY BOULTON AND BRIAN JOHN DARWENT.

Application for Patent No. 272|Del|81 filed on 1st May, 1981.

Convention date 15th May, 1980|80 16023 (G.B.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

An electrolytic cell of the filter press type comprising a plurality of monopolar cell units each cell unit having a plurality of substantially vertical alternating anodes and cathodes each anode being partitioned from the adjacent cathode or cathodes by a separator to form in the cell unit a plurality of anode compartments and cathode compartments, characterised in that in the electrolytic cell and cell units are mounted one above the other, the anodes of the cell unit at the top or bottom attached to an electrical conductor for connection to an anode bus-bar, the cathodes of the cell unit at the bottom or top being attached to an electrical conductor for connection to a cathode bus-bar, and the anodes and cathodes of adjacent cell units which are not attached to the said conductors being connected by means of a bipolar electrical connection or connections between the anodes of one cell unit and the cathodes of the adjacent cell unit positioned above or below the said cell unit.

(Complete Specification 30 pages Drawing 3 sheets).

CLASS : 154D. 156373

Int. Cl. : B41f 15|16.

"AN AUTOMATIC MACHINE FOR SCREEN PRINTING ON A LONG TABLE".

Applicant : SALVADOR GALI MALLOFRE, OF C. VALENCIA, 7. ESCALERA A. 7o — a BARCELONA-15, SPAIN, A SPANISH CITIZEN.

Inventor : SALVADOR GALI MALLOFRE.

Application for Patent No. 288|Del|81 filed on 7th May, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

22 Claims

An automatic machine for screen printing on a long table comprising a table on which the material to be printed are fixed, two guide rails for guiding a displaceable carriage having a printing mould, one of said rails being flat and connected to one side of the table, the other guide rail being angular and connected to the other side of the table, said printing mould including an inking means and inking plate mounted thereon in an oscillating position and describing a pneumatically operated reciprocal movement for spreading ink during printing, said displaceable carriage including four wheels, two of said wheels being grooved and running on said flat guide rail, the other two wheels being plane and running on said angular guide rail,, pneumatic means connected to the table at predetermined printing points determined elements fixed to the table, said stopping elements determining a stepwise movement of the carriage on said guide rails, a stop pawl for holding the carriage in place for the printing operation, said stop pawl being located between the carriage and said stopping elements and impulse pawl for advancing the carriage when the stop pawl is released, said impulse pawl being located between the carriage and a respective one of stopping elements, said pawls colaterally contacting said stopping elements.

(Complete Specification 17 pages Drawing 4 sheets).

CLASS : 132A$_1$, 94C. 156374

Int. Cl. : B02c-7|00 A47j-42|12.

A GRINDING CUM BATCH MIXING, KNEADING AND BLENDING MACHINE.

Applicant & Inventor : BENJAMIN PAUL MATHIAS, AN INDIAN NATIONAL 336, SHIVAJI NAGAR BUILDING, N. M. JOSHI MARG, CITY OF BOMBAY, STATE OF MAHARASHTRA, INDIA.

Application No. 170|Bom|1982 Filed on June 30, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-400 013.

18 Claims

A grinding cum batch mixing, kneading and blending machine comprising a rotatable cylindrical vessel supporting a bottom stone, a top annular stone juxtaposed above the bottom stone and carried by a stationary scraper assembly including a vertically extending tube partly cut open on one side, a lower curved scraper and an upper downwardly and laterally extending scraper, a feed worm fixed coaxial to the said vessel and extending upwardly into the tube of the scraper assembly, spring means for pressing down the scraper assembly towards the bottom stone, means for holding the scraper assembly at selected heights above the bottom stone and means for rotating the said vessel.

Comp. Specn. 11 pages, Drawings 3 sheets.

CLASS 152-B. 156375

Int. Cl. C 08 h (13|00+15|00).

A METHOD OF PREPARING A FLOORING MATERIAL COMPOSITION FOR PROVIDING A JOINTLESS LAYER ON FLOORS

Applicant : COROMANDEL PRODORITE LIMITED, TIAM HOUSE, 28, RAJAJI ROAD, MADRAS-600 001.

Inventor : REGHUPATHI SRINIVASAN.

Application No. 2|Mas|83 filed January 1, 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims

A method of preparing a flooring material composition for providing a jointless layer on floors comprising the steps of melting bitumen and mixing the same in its homogeneous state, under stirring, with cashewnut shell liquid residue; lowering the temperature thereafter and adding thereto a thinner, such as herein described, the temperature being lowered to a value lower than the boiling point of the thinner, the stirring being continued to obtain a homogeneous syrup; preparing a mixture of silica sand, quartz powder and paraformaldehyde to obtain a uniform blend, the said syrup being then admixed with the blend, whereby the paraformaldehyde present in the said mixture cross-links with the cashewnut shell liquid residue present in the said syrup to provide a binding action on the bitumen, sand and quartz and thus yield the said composition.

(Comp. Specn. 6 pages)

CLASS 36-B. 156376

Int. Cl. : F 04 c 3|00 & F 04 d 3|00.

AN ECCENTRIC SCREW PUMP.

Applicant & Inventor : NUGGEHALLI RANGANATHA IYENGAR SITARAM, 12|77, PERA NAIDU LAYOUT, DR. ALAGESAN ROAD, SIDDHI VINAYAGAR, COIMBATORE-641 011, TAMIL NADU.

Application No. 25|Mas|83 filed January 31, 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

An eccentric screw pump comprising a spiral rotor or screw accommodated within a resilient stator provided with engaging internal threads, characterised in that the stator is firmly held at the first end thereof within the pump body leaving the second end "floating" or unsupported, whereby the second end is permitted to oscillate with the rotor, during working of the pump, to take up the eccentric movement of the rotor.

(Compl.—6 pages; Drwg.—1 sheet).

CLASS : 40-F & 40-A & B. 156377

Int. Cl. : C 10 g 1|06; C 10 1 3|00, 9|04.

PROCESS FOR CONVERSION OF WOOD, PEAT OR COAL TO HYDROCARBON AND OTHER VALUES.

Applicant & Inventor : DR. ROLLAN SWANSON, C|o CHEMROLL ENTERPRISES, INC., 100 WALL STREET, NEW YORK N. Y. 10005, U.S.A.

Application No. 407|Cal|81 filed April 16, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

27 Claims

A process for conversion of wood, peat or coal to gaseous hydrocarbons or volatile distillates or mixtures of these by reacting the wood, peat or coal and, as a reagent, a hydrosulfide, a sulfide or a polysulfide of an alkali metal or mixtures thereof characterized by the fact that a conversion reaction is carried out in presence of water or hydrogen sulfide and optionally sulfur at a temperature between 50°C and up to 450°C in one or more stages wherein the temperature in each stage may be the same or different and the reagent may be the same or different based on sulfur content of the reagent, and recovering volatile liquid distillates and hydrocarbon gases.

(Compl. Specn. 34 pages. Drgs. 1 sheet).

CLASS : 145-E. 156378
Int. Cl. : D 21 f 3|00.

A PRESS MECHANISM FOR REMOVING WATER FROM A TRAVELLING FIBROUS WEB.

Applicant : BELOIT CORPORATION, P.O. BOX 350, BELOIT, WISCONSIN 53511, UNITED STATES OF AMERICA.

Inventor : EDGAR J. JUSTUS.

Application No. 429|Cal|82 filed April 17, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A press mechanism for removing water from a travelling fibrous web comprising in combination :

an elongate extended press nip formed between a first pressing shoe at one side of the nip having a relieved leading edge with a following elongate pressing face at one side of the press nip and;

a second pressing shoe at the other side of the press nip having a relieved leading front edge with a following elongate pressing face at the other side of the press nip;

means in the nip for receiving water pressed from the web;

first and second travelling belts passing through the nip between the shoes with said web and water receiving means sandwiched therebetween;

means for delivering lubricant to the leading edge of each of the shoes to develop a hydraulic wedge of lubricant between each of the shoes and the respective belts travelling through the nip; and

means for applying a pressing force to at least one of the shoes urging it toward the nip for applying dewatering pressing force to the web in the nip.

(Compl. Specn. 15 pages Drgs. 1 sheet).

CLASS : 70-B. 156379

Int. Cl. : B 01 k 3|02, 3|06.

ELECTROLYTIC ELECTRODE ND PROCESS FOR PRODUCING THE SAME.

Applicant : PERMELEC ELECTRODE LTD., OF NO. 1159, ISHIKAWA, FUJISAWA-SHI, KANAGAWA, JAPAN.

Inventors : 1. HIROSHI ASANO, 2. TAKAYUKI SHIMAMUNE, 3. HIDEO NITTA.

Application No. 563|Cal|82 filed May 20, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

An electrolytic electrode having high durability for use in electrolysis where the generation of oxygen occurs which comprises :

(a) an electrode substrate of titanium or a titanium-based alloy;

(b) an electrode coating comprising a platinum group metal oxide or a mixed oxide of a platinum group metal oxide and a valve metal oxide such as herein described, and

(c) an intermediate layer comprising an electrically conductive oxide of tantalum, niobium or a mixture thereof having a valency of 5 provided between the electrode substrate [a] and the electrode coating (b) in a thickness, calculated as the metal, of 0.001 to 2 g-|m^2.

(Compl. Specn 17 pages. Drngs. Nil.

CLASS : 107-H. 156380

Int. Cl. : F 02 m 41|00.

A RECIPROCATING PLUNGER FUEL INJECTION PUMP.

Applicant : LUCAS INDUSTRIES PLC, OF GREAT KING STREET, BIRMINGHAM B19 2XF, ENGLAND.

Inventors : 1. MIROSLAV KRIZ, 2. KENNETH MAXWELL HARRIS.

Application No. 661|Cal|82 filed June 10, 1982.

Convention dated 13th June 1981 (18238|81) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A reciprocating plunger fuel injection pump comprising a body defining a bore in which the plunger is mounted, a tappet assembly including a roller, a rotary cam mounted on a rotary cam shaft, said roller co-operating with the cam to import movement to the tappet assembly and plunger in one

direction to cause fuel to be displaced from said bore a bell crank lever pivotally mounted in the body, one end of said lever having a forked end for engagement with a head on the plunger, one side of the head being engaged by the tappet assembly and the other side of the head being engaged by the forked end of the bell crank lever, a further roller carried by a part movable in the body, said part being engaged by the other end of said bell crank lever and the further roller engaging the cam, the arrangement being such that following movement in said one direction by a cam lobe, the plunger and tappet assembly upon continued rotation of the cam are moved in the other direction by the action of said further roller with said lobe or a further cam lobe.

(Compl. Specn. 8 pages, Drgs. 3 sheets).

CLASS : 61-A & 94-G. 156381

Int. Cl. : B 02 c 23|00.

PROCESS AND APPARATUS FOR DRYING AND GRINDING MINERAL RAW MATERIAL.

Applicant : VOEST-ALPINE AKTIENGESELLSCHAFT, OF WERKSGELANDE, A-4010 LINZ, AUSTRIA.

Inventor : 1. ING. RAINER DREIER.

Application No 824 Cal|82 filed July 17, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process of drying and grinding mineral raw material, which is first dried by a hot gas stream in a dryer and is then ground in a mill, whereafter the ground raw material is discharged from the mill by being entrained by a stream of fresh air that is sucked through the mill and from which the ground raw material is subsequently separated, characterized in that the air stream which has been sucked through the mill and from which the ground raw material has been removed is used as combustion air for producing the hot gas stream for use in the dryer and or is admixed as additional air to said hot gas stream.

(Compl. Specn. 8 pages Drgs 2 sheets).

CLASS : 84-A. 156382

Int. Cl. : C 10 j 3|48.

METHOD AND PLANT FOR GASIFYING CARBONACEOUS MATERIAL

Applicant : SKF STEEL ENGINEERING AB, OF P.O. BOX 202, S-813 00 HOFORS, SWEDEN.

Inventors : 1. BORJE JOHANSSON, 2. SVEN SANTEN.

Application No. 1277|Cal|82 filed October 29, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

Method of gasifying carbonaceous material to gas mixture consisting primarily of CO and H_2, characterised in that carbonaceous material in lump form is supplied via a sluice arrangement to a reactor, preferably a shaft furnace, from above to a predetermined filling level, that the gas generated is withdrawn from the shaft at a level below the upper surface of the carbonaceous material and that oxidant and|or thermal energy or heat is supplied in a manner as herein described both above the surface of the carbonaceous material and at a lower level in the shaft, below the level of the gas outlet.

(Compl. Specn. 10 pages Drgs. 1 sheet).

CLASS : 128-K. 156383

Int. Cl. : A 61 b 17|06.

AN IMPROVED RETAINER FOR NEEDLED SURGICAL SUTURES.

Applicant : ETHICON INC., SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : 1. KONSTANTIN IVANOV, 2. JACK CASCIO.

Application No. 141|Cal|83 filed February 7, 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

An improved retainer for needled surgical sutures comprising :

(a) a center panel;

(b) a pair of side panels;

(c) said center panel being substantially rectangular in shape;

(d) a side panel foldably connected to each of the longitudinal edges of the center panel;

(e) a single aperture located adjacent one transverse edge of said center panel through which a pin may protrude on which the suture may be wound;

(f) at least one aperture located adjacent the opposite transverse edge of said center panel through which a pin may protrude on which the suture may be wound;

(g) one of said side panels being configured so that when it is folded upon the center panel it is substantially coextensive with the center panel in the central portion thereof but does not cover the apertures;

(h) said side panel being sectioned transversely so that the needle of the needled surgical suture may be placed on the center panel adjacent the single aperture and the first section of said side panel folded over on to the center panel to cover and enclose the needle without covering the aperture, whereby when the suture is wound about the pins protruding from the apertures the initial winding of the suture will hold the needle in place while the suture is being wound about the pins;

(i) the second section of said side panel being foldable over the center panel to contain the lower portion of the wound sutures;

(j) the second side panel being substantially coextensive with the center panel and foldable about the longitudinal edge thereof connecting said side panel to the center panel; and

(k) said folder comprising locking means to maintain the folded panels in place and maintain the needled surgical suture in the desired configuration.

(Compl. Specn. 16 pages, Drgs. 2 sheets).

CLASS : 146-D$_5$. 156384

Int. Cl. : B 44 d 5|06.

A METHOD OF PREPARING AN OXIDE COATING ON A SUBSTRATE.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING GATEWAY CENTER, PITTSBURGH PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : 1. BULENT ERTURK YOLDAS.

Application No. 1005|Cal|83 filed August 16, 1983.

Division of Application No. 152814 dated 27th July, 1979.

Appropriate Office for Opposition Proceedings (Rule, 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A method of preparing an oxide coating on a substrate as hereinbefore described which comprises

(A) preparing a clear solution of a metal alkoxide which comprises

(i) adding sufficient alcohol to give a final solids context in the solution of from 0 1 to 15% to

alkoxide having the general formula M(OR) where M is O to 100% Ti, O to 30% Si O to 100% Ta or up to 15% of another metal ion as hereinbefore described which forms an alkoxide R is alkyl from C_1 to C and n is the valence of M, and/or water to give a final content of 1 7 to 4 moles of water per mole of alkoxide, and

(ii) mixing ogether said alkoxide and said water

(iii) adding a sufficient amount of a suitable acid as hereinbefore described to prevent cloudiness,

(B) applying said clear solution to said substrate, and

(C) heating said substrate to from 300 to 500 C to transform the alkoxide layer into an oxide coating said coating having a predetermined index of refraction of from 1 4 to 2 4

(Compl Specn 18 pages Dlgs 5 sheets)

OPPOSITION PROCEEDINGS

An opposition has been entered by The Gillette Company to the grant of a Patent on application No 154842 made by Harbans Lal Malhotra & Sons Limited

PATENTS SEALED

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AMENDMENT PROCEEDING UNDER SECTION 57

The amendmen proposed by Sumitomo Chemical Company, Limited in respect of Patent application No 153114 as advertised in Part III, Section 2 of the Gazette of India dated the 13th October, 1984 has been allowed

RENEWAL FEES PAID

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146709	146896	147081	147570	147610	147615	147798
148139	148334	148514	148549	148815	148946	148988
149038	149347	149462	149484	149488	149674	149756
149823	149909	149913	149941	149982	150023	150090
150119	150234	150492	150509	150555	150556	150878
151068	151143	151366	151532	151535	151723	151814
151918	151950	151990	152003	152004	152028	152043
152148	152214	152424	152525	152692	152749	152756
152830	152876	152890	152961	153081		

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No 135918 dated the 13th September, 1972 made by Eli Lilly and Company on the 24th July 1984 and notified in the Gazette of India, Part III, Section 2 dated the 15th December 1984 has been allowed and the said patent restored

(2)

Notice is hereby given that an application for restoration of Patent No 143153 dated the 12th September 1975 made by Vidyut Mettalics Private Limited on the 17th May 1984 and notified in the Gazettte of India Part III Section 2 dated the 15th December 1984 has been allowed and the said patent restored

REGISTRATION OF DESIGNS

The following designs have been registered They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act 1911

The date shown in the each entry is the date of registration of the design included in the entry

Class 1 No 155063 Wassan Singh Karim Singh Bakhshish Singh Smt Chanan Kaur Surinder Singh and Kuljit Singh trading as K W Engineering Works (Regd) opp Industrial Estate, Link Road, Ludhiana (P B) India Indian Partnership concern 'Bicycle handle 15 h November, 1984

Class 1 No 155435 Application Art Laboratories Co , Ltd a limited liability company organised and existing under the laws of Japan of 9 16 Hanahata 2 chome Adachi ku Tokyo, Japan Magnetic Fastener for Clothing 27th February 1985.

Class 1 No 155591 Rajesh Dhirajlal Shah Indian National Manufacturer and Trader proprietor of and trading as Rajesh Products, having his principal place of business at 8 Bhau Rao Udhyog Bahram Patil Road Bhayander (East) Dist Thane, Maharashtra, India a Gas Lighter". 19th March 1985

Class 1 No 155621 Niky Tasha (India) Private Limited a company incorporated under the Indian Companies Act 1956 having its registered office at Mahajan House E1 & E2 N D S I Part II New Delhi 110049 Kerosene 2nd May 1985

Class 3 155642 Eagle Flask Pvt Limited (an existing company under the Companies Act) at Eagle Estate Talegaon 410 507 Dist Pune State of Maharashtra India Water Jug 9th May 1985

Class 3 No 155641 Eagle Flast Private Limited (an existing company under the Companies Act) as Eagle Estate Talegaon 410 507 Dist Pune State of Maharashtra India Flask 9th May 1985

Class 3 No 155639 Niravan Industries Thakur Nivas Dr Charat Singh Colony Andheri Kurla Road City of Bombay 400 069 State of Maharashtra India an Indian Partnership Firm 'Containers 9th May 1985

Class 3 No 155640 Niravan Industries Thakur Nivas, Dr Charat Singh Colony Andheri Kurla Road City of Bombay 400 069 State of Maharashtra India, an Indian Partnership Firm 'Containers 9th May 1985

Class 3 No 155062 Reckitt Colman of India Limited of 41 Chowringhee Road Calcutta-700071, State of West Bengal India a company incorporated in India A Container" 15th November, 1984

Class 3 No 155339 Biolens 10 A Rani Ka Bagh State Bank Road Amritsar a Partnership concern registered under the Indian Partnership Act 'Flelense' 28th January 1985

Class 3 No 155553 Milton Plastics a registered Indian Partnership Firm registered under Indian Partnership Act 1932, having office at 202 203. Raheja Centre 214, Nariman Point Bombay 400 021, Maharashtra, India, "a Bottle' 4th April, 1985

Class 3. No. 155090. Crystal Plastics & Metallizing Private Limited, (a private limited company duly incorporated under the Indian Companies Act) having its registered office at Sanghi House, Palkhi Galli, Off Veer Savarkar Marg, Prabhadevi, Bombay-400025, Maharashtra State, India. "Comb" 24th November, 1984.

Class 3. No. 155567. Hari Om Enterprises of 50, Kakad Industrial Estate, Lady Jamshedji Road, Mahim, Bombay-400 016, Maharashtra State an Indian firm registered under the Indian Partnership Act. "spinning and illuminating dise toy". 9th April, 1985.

Class 3. No. 154996. Safari Industries (India) Private Limited, 107, Khetani Textile Compound, Bazar Ward, Kurla, Bombay-400070, Maharashtra a private limited company incorporated under the Indian Companies Act. "Brief Case". 26th October, 1984.

Class 3. No. 155454. Pilot Business Machines, 4 8, Sona Udyog Estate, Parsi Panchayat Road, Andheri East, Bombay-400069, State of Maharashtra, an Indian Partnership Firm. "Paper Shredding Machine". 5th March, 1985.

Class 3. No. 155550. Modern Fan Industries, B-133, Phase-I, Mayapuri, New Delhi-110064, an Indian Partnership concern. "Grill". 1st April, 1985.

Class 12. No. 155333. Wipro Limited, Bakhtawar, 14th floor, 229, Nariman Point, Bombay 400021, Maharashtra, a public limited company incorporated under the Indian Companies Act. "Toilet Soap". 28th January, 1985.

Extn. of copyright for the second period of five years

No. 155037—Class-1.

Nos. 149950, 149798, 149578—Class-3.

Extn. of copyright for the Third period of five years

Nos. 143050, 143052, 155037, 141016, 141518—Class-1.

Nos. 149798, 143053—Class-3.

R. A. ACHARYA
Controller General of Patents, Designs
and Trade Marks

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